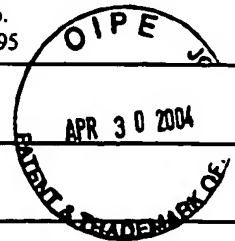


Form PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
P23701Serial No.
10/646,895INFORMATION DISCLOSURE STATEMENT
BY APPLICANT
(Use several sheets if necessary)Applicant
Hiroshi NOMURAFiling Date
August 25, 2003Group
2851

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2004	/0	0	4	2	0	9	5	03/04/04	NOMURA	1	1	
	2004	/0	0	4	2	0	9	3	03/04/04	NOMURA	1	1	
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		6	1	1	5	1	9	0	09/05/00	HIRAI	1	1	
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		6	0	7	5	6	5	5	06/13/00	FUNAHASHI	1	1	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Applicant Hiroshi NOMURA							
				Filing Date August 25, 2003		Group 2851					
U.S. PATENT DOCUMENTS											
EXAMINER INITIAL	YEAR	MONTH	DOCUMENT NUMBER			DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	2002	/0	1	3	5	9 0 1	09/26/02	NOMURA et al.			
	2003	/0	0	8	1	3 2 7	05/01/03	NOMURA et al.			
	2002	/0	1	3	5	8 9 6	09/26/03	NOMURA et al.			
			6	0	5	5 1 1	04/25/00	NOMURA et al.			
			6	2	0	4 9 7	03/20/01	IWASA			
			5	4	3	0 5 1	07/04/95	UZIIE et al.			
	2003	/0	0	8	1	9 4 8	05/01/03	NOMURA et al.			
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			4	9	9	3 8 1	02/19/91	YAMAZAKI et al.			
			5	8	1	8 6 4	10/06/98	NISHIO et al.			
			5	7	3	1 9 1	03/24/98	IMANARI			
			5	7	3	9 9 6	04/14/98	ASAKURA et al.			
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			5	5	8	7 7 5	12/24/96	KATAYAMA et al.			
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			6	0	6	9 7 4	05/30/00	FUJII et al.			
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		5	4	8	5 3 1	01/16/96	NOMURA et al.				
EXAMINER <u>D. Gray</u> DATE CONSIDERED <u>9/25/04</u>											
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Applicant
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August 25, 2003Group
Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4 5 2 5 0 5 0	06/25/85	OHASHI			
	4 6 4 3 5 5 5	02/17/87	WAKABAYASHI			
	4 7 2 1 9 7 2	01/26/88	WAKABAYASHI			
	4 7 9 2 8 2 2	12/20/88	AKIYAMA et al.			
	5 8 1 8 6 4 7	10/06/98	NISHIO et al.			
	6 0 3 1 9 9 8	02/29/00	SHONO			
	4 4 5 1 1 2 9	05/29/84	IKARI et al.			
	4 6 4 3 5 5 4	02/17/87	OGAWA			
	4 7 7 1 3 0 3	09/13/88	MATSUMOYO et al.			
	4 8 8 7 1 0 7	12/12/89	NAKAMURA et al.			
	5 1 3 6 3 2 4	08/04/92	TSUBOI et al.			
	5 7 6 5 0 4 9	06/09/98	HASE et al.			
	5 8 3 2 3 2 6	11/03/98	TANAKA			
	6 3 6 6 3 2 3	04/02/02	SHONO et al.			

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	5 8 1 4 5 9 3 0	08/31/83	JAPAN			
	6 1 - 6 9 0 0 2	04/09/86	JAPAN			
	6 1 2 7 0 7 3 7	12/01/86	JAPAN			
	6 3 1 4 9 6 2 9	06/22/88	JAPAN			
	6 4 - 3 4 6 2 3	03/02/89	JAPAN			X
	6 - 1 8 7 7 7	01/28/94	JAPAN			X
	7 - 1 9 1 2 4 9	07/28/95	JAPAN			
	1 1 1 0 9 2 0 3	04/23/99	JAPAN			

JAPAN OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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